

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13175

A. CLASSIFICATION OF SUBJECT MATTER
Int.C1⁷ H05K9/00, F16F15/08, C08J9/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.C1⁷ H05K9/00, F16F15/08, C08J9/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | JP 62-76113 A (Nitta Corp.), 08 April, 1987 (08.04.87), Page 1, lower left column, lines 11 to 15; page 2, upper left column, lines 10 to 16; page 2, upper right column, line 18 to lower left column, line 6; Fig. 1 (Family: none) | 1-9 |
| Y | JP 7-162185 A (Kitakawa Kogyo Kabushiki Kaisha), 23 June, 1995 (23.06.95), Par. Nos. [0017], [0031] (Family: none) | 1-9 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search
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20 January, 2004 (20.01.04)

Name and mailing address of the ISA/
Japanese Patent Office

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13175

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | JP 61-176639 A (Sanyo Chemical Industries, Ltd.), 08 August, 1986 (08.08.86), Page 4, lower right column, lines 9 to 11; page 5, upper right column, lines 4 to 9; page 5, lower right column, line 9 to page 6, upper left column, line 5 (Family: none) | 7-9 |
| A | JP 2000-261107 A (Tomoegawa Paper Co., Ltd.), 22 September, 2000 (22.09.00), Par. Nos. [0017], [0031]; Figs. 1, 2 (Family: none) | 1, 4-6 |
| A | JP 5-226876 A (Kitakawa Kogyo Kabushiki Kaisha), 03 September, 1993 (03.09.93), Par. No. [0016] (Family: none) | 1 |
| E, A | JP 2002-327082 A (Inoac Corp.), 15 November, 2002 (15.11.02), Par. Nos. [0013], [0018]; Fig. 1 (Family: none) | 1 |
| E, A | JP 2003-347786 A (Mitsubishi Cable Industries, Ltd.), 05 December, 2003 (05.12.03), Full text (Family: none) | 1 |
| A | JP 2000-72905 A (Kyocera Corp.), 07 March, 2000 (07.03.00), Full text; Figs. 1, 2 (Family: none) | 1 |
| A | JP 2001-126539 A (Japan Gore-Tex Inc.), 11 May, 2001 (11.05.01), Full text; Figs. 1 to 6 (Family: none) | 1 |
| A | JP 2001-85888 A (3M Innovative Properties Co.), 30 March, 2001 (30.03.01), Full text; Figs. 1 to 3 (Family: none) | 1 |
| A | JP 4-53837 A (Hayakawa Gomu Kabushiki Kaisha), 21 February, 1992 (21.02.92), Full text; Figs. 1 to 7 (Family: none) | 1 |
| A | JP 63-149131 A (Kanto Reza Kabushiki Kaisha), 21 June, 1988 (21.06.88), Full text; Figs. 1, 2 (Family: none) | 1 |

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